

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123631.D
 Acq On : 19 Apr 2021 19:54
 Operator : JU/CG
 Sample : M2063-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2-4

Quant Time: Apr 20 03:04:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

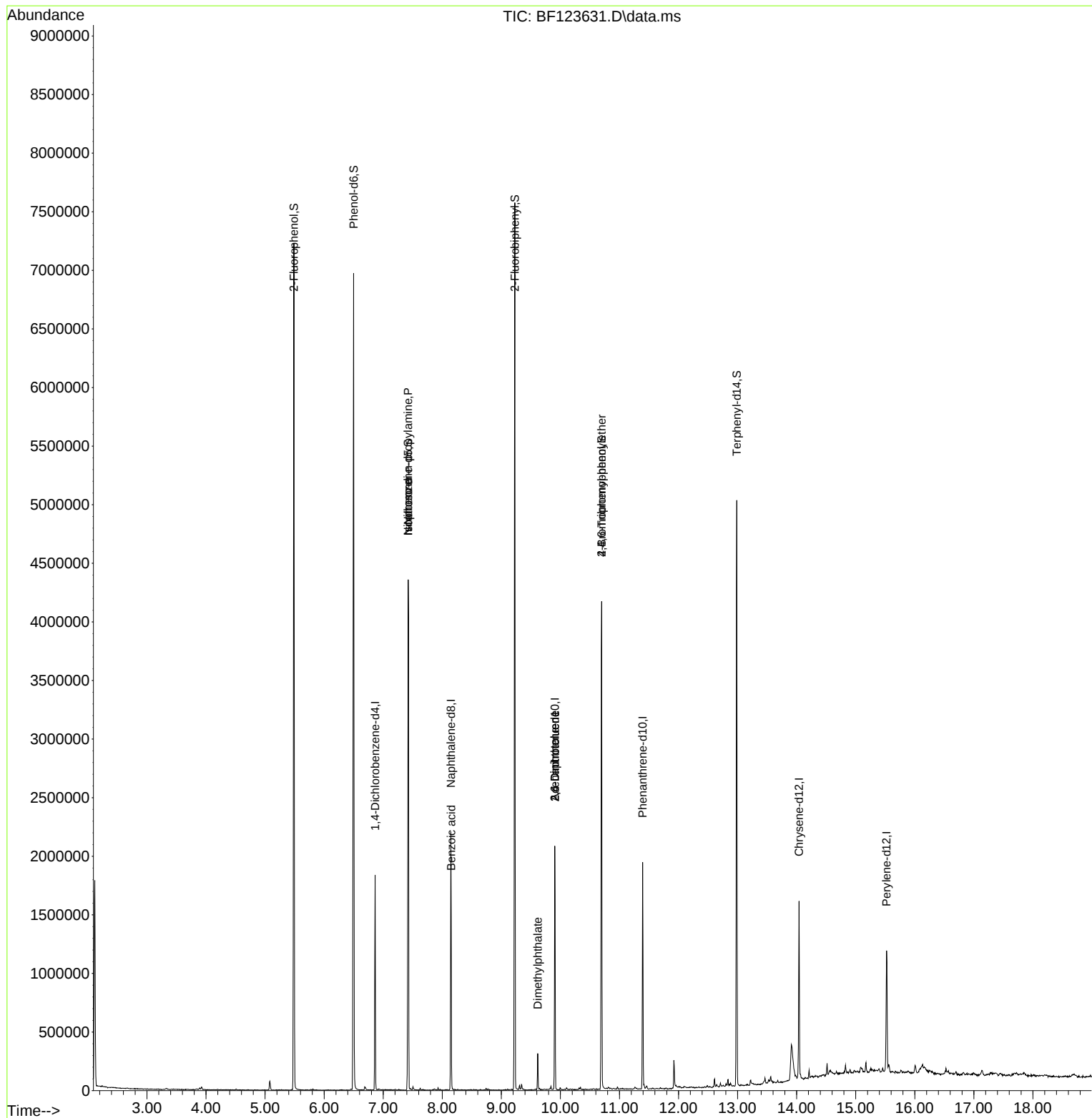
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	218932	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	810680	20.00	ng	#-0.01
39) Acenaphthene-d10	9.904	164	373417	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	607654	20.00	ng	#-0.01
76) Chrysene-d12	14.039	240	466661	20.00	ng	-0.02
86) Perylene-d12	15.521	264	482097	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1519053	112.14	ng	0.00
7) Phenol-d6	6.498	99	1971538	105.03	ng	0.00
23) Nitrobenzene-d5	7.422	82	1409310	79.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	475276	112.40	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	2016222	80.49	ng	-0.01
79) Terphenyl-d14	12.986	244	1526082	63.56	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	190686	15.34	ng	# 76
25) Isophorone	7.422	82	1409293	41.19	ng	# 69
32) Benzoic acid	8.151	122	108	4.56	ng	# 1
50) Dimethylphthalate	9.616	163	92411	3.58	ng	# 97
51) 2,6-Dinitrotoluene	9.904	165	48235	8.52	ng	# 12
57) 2,4-Dinitrotoluene	9.904	165	48235	6.38	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	27104	4.27	ng	# 1
89) Benzo(k)fluoranthene	15.086	252	28564	Below Cal		# 80
92) Benzo(g,h,i)perylene	17.451	276	10985	Below Cal		# 89

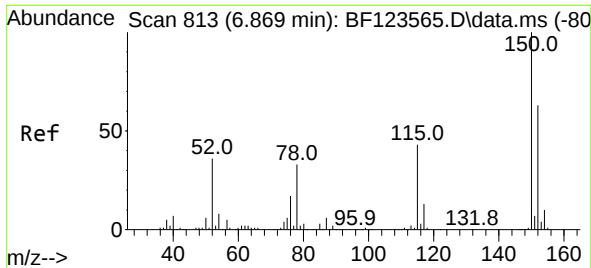
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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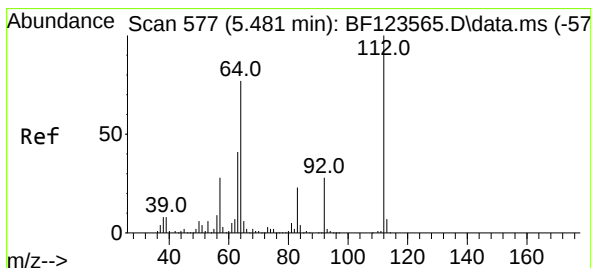
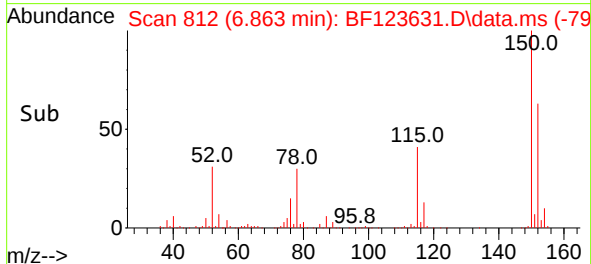
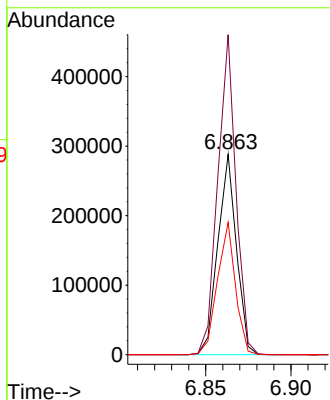
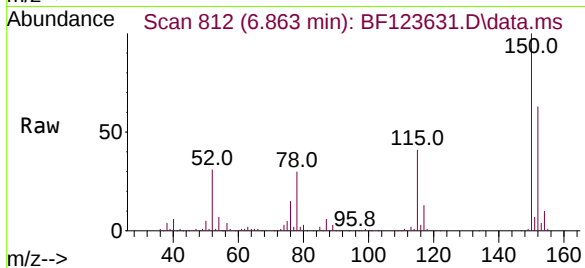




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

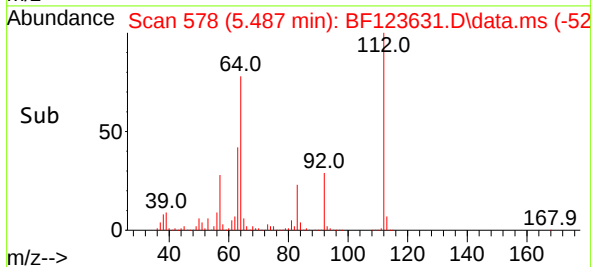
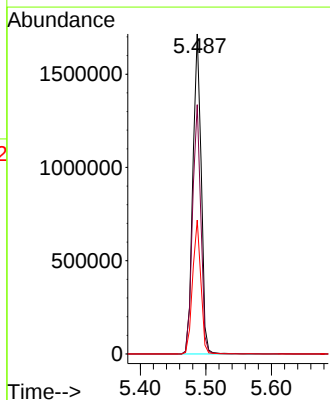
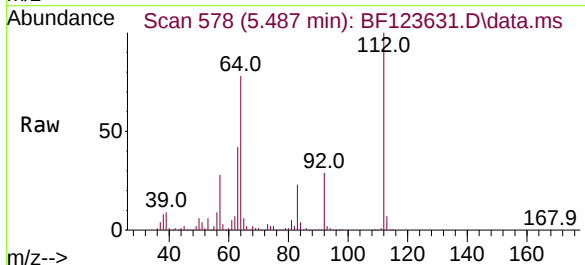
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

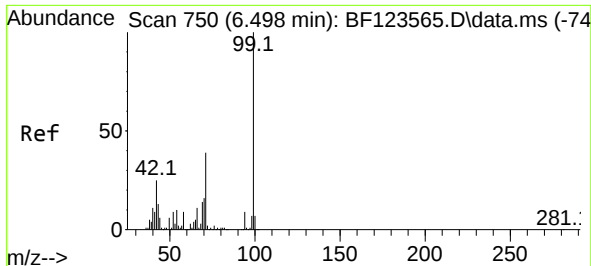
Tgt Ion:152 Resp: 218932
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.6
115 66.0 54.3 81.5



#5
2-Fluorophenol
Concen: 112.14 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:112 Resp: 1519053
Ion Ratio Lower Upper
112 100
64 77.9 61.4 92.0
63 41.8 33.0 49.4

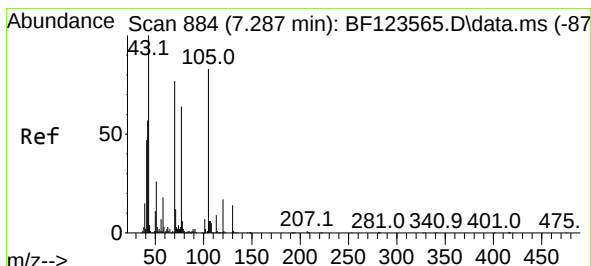
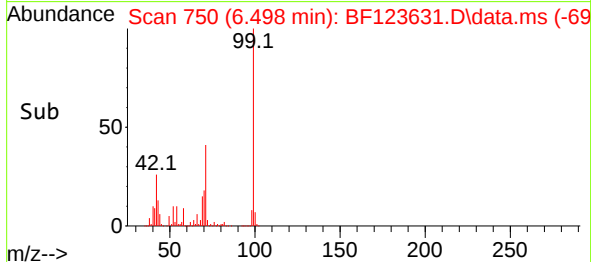
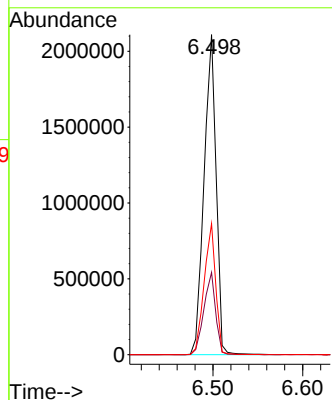
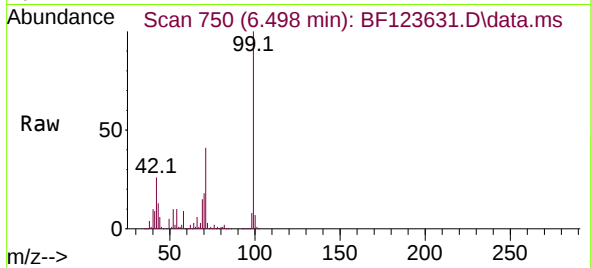




#7
Phenol-d6
Concen: 105.03 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

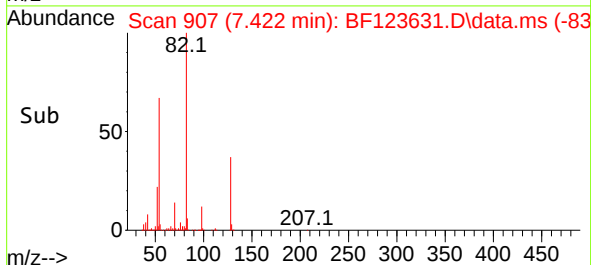
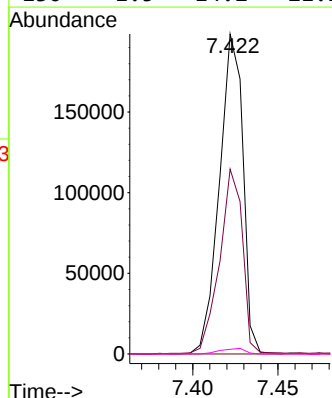
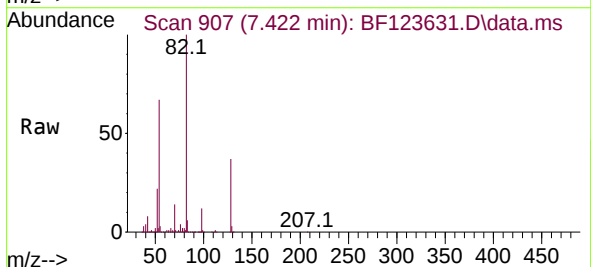
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

Tgt Ion: 99 Resp: 1971538
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 40.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion: 70 Resp: 190686
Ion Ratio Lower Upper
70 100
42 57.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

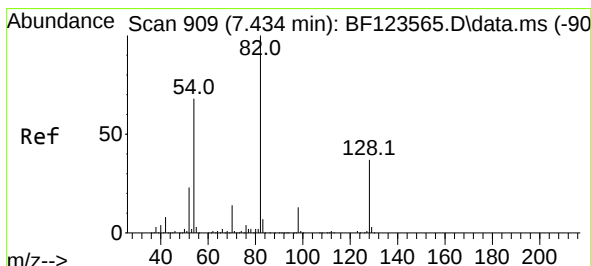
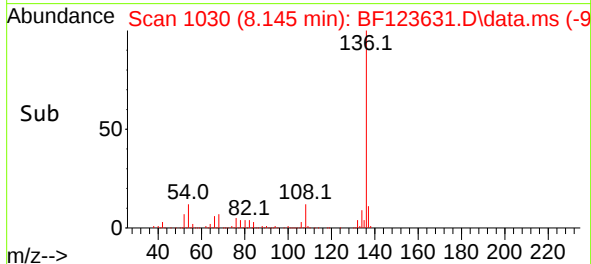
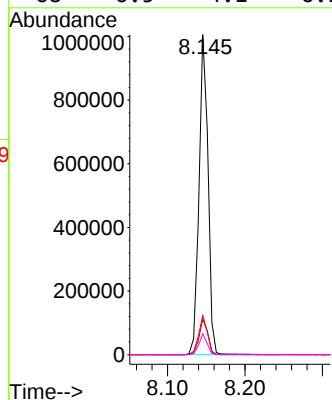
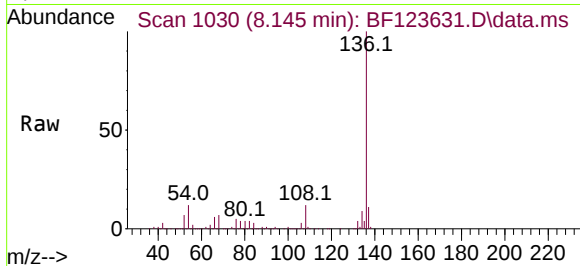




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

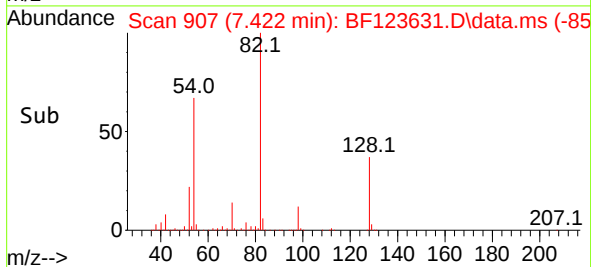
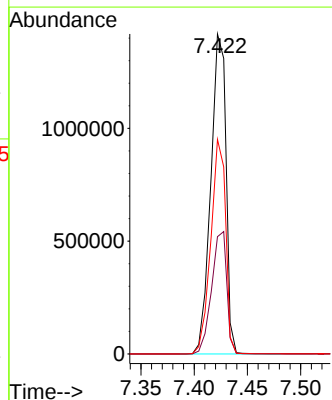
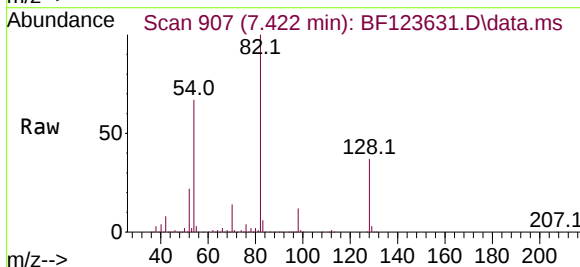
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

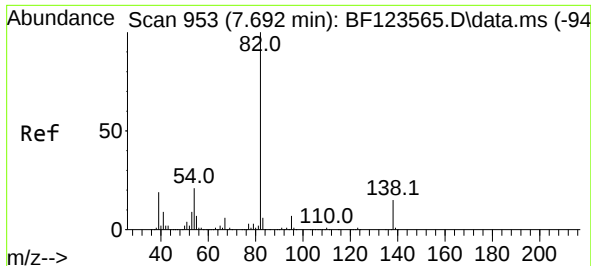
Tgt Ion:	136	Resp:	810680
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	12.2	9.8	14.6
68	6.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 79.92 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:	82	Resp:	1409310
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.4	44.2
54	67.0	54.1	81.1

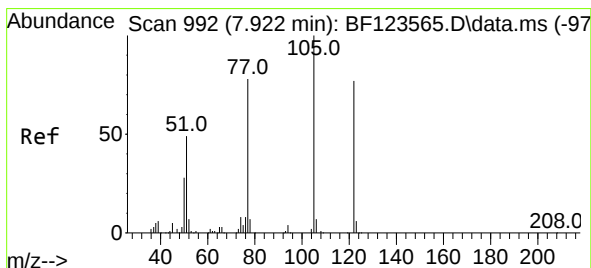
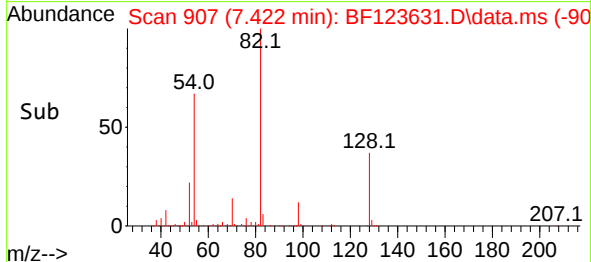
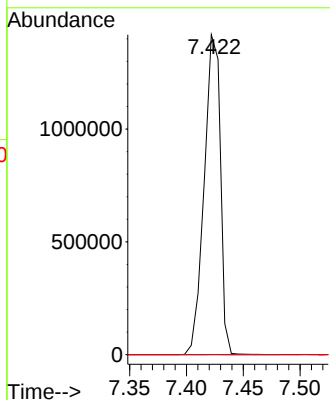
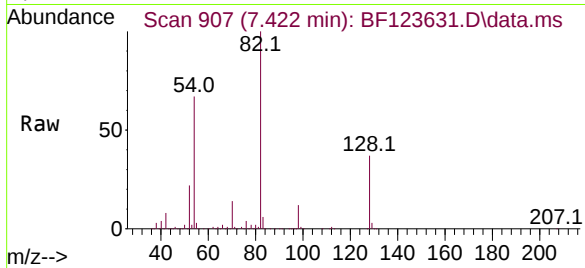




#25
Isophorone
Concen: 41.19 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

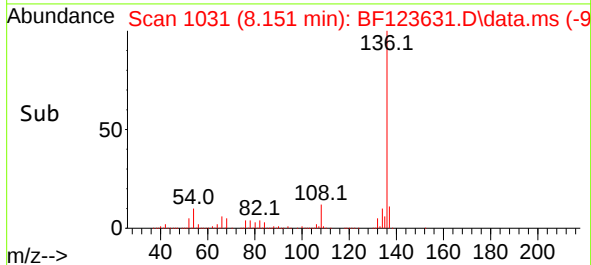
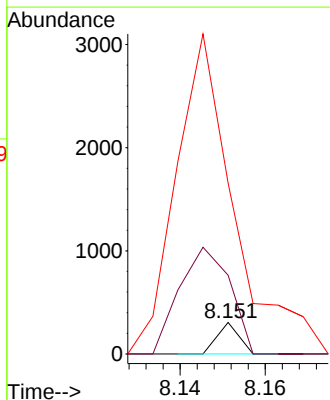
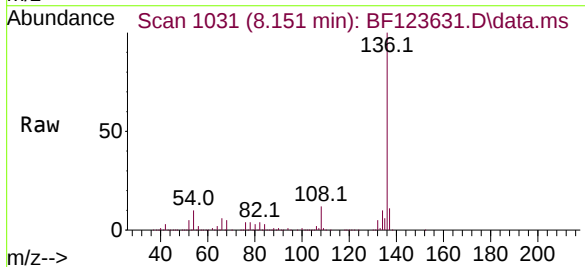
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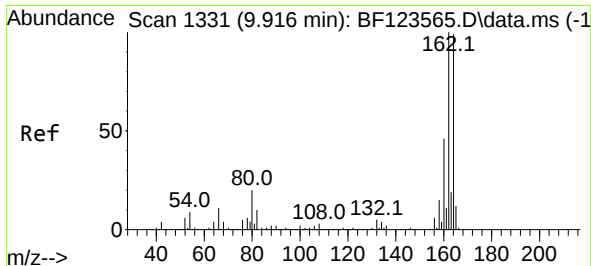
Tgt Ion: 82 Resp: 1409293
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.230 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:122 Resp: 108
Ion Ratio Lower Upper
122 100
105 250.2 107.8 147.8#
77 543.3 81.6 121.6#

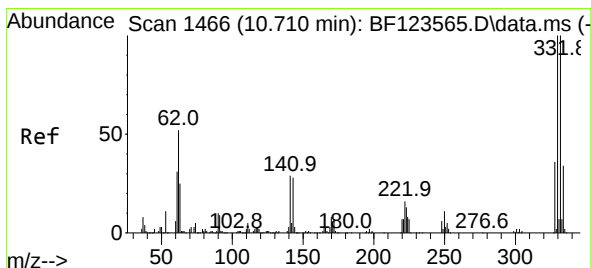
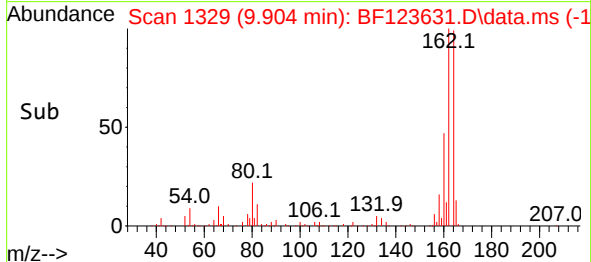
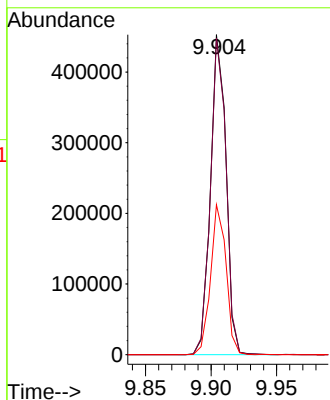
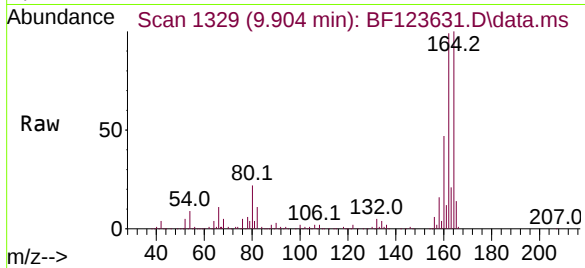




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

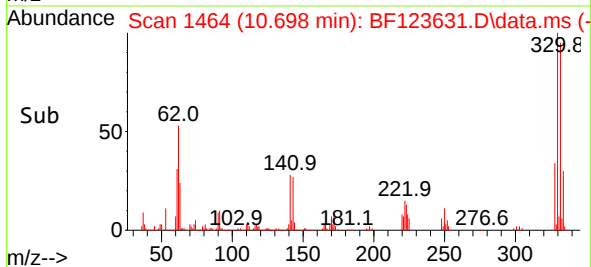
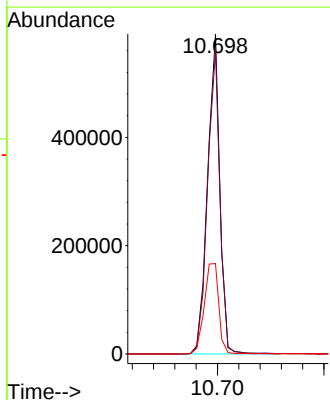
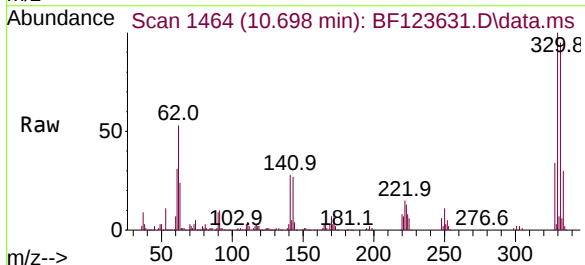
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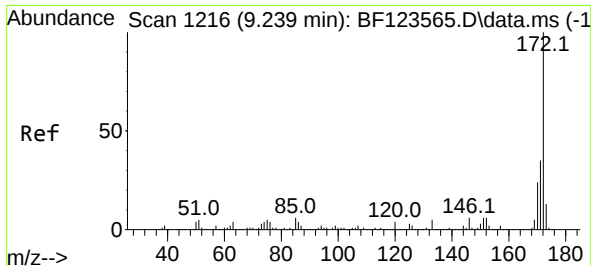
Tgt Ion:164 Resp: 373417
Ion Ratio Lower Upper
164 100
162 99.0 80.7 121.1
160 46.8 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 112.40 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:330 Resp: 475276
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 33.3 27.9 41.9

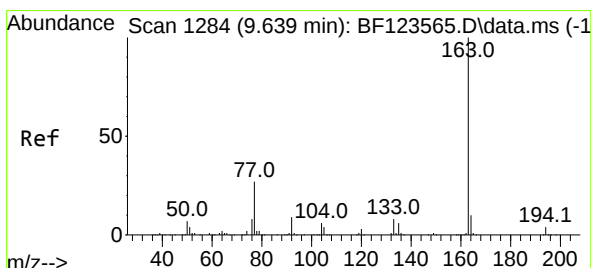
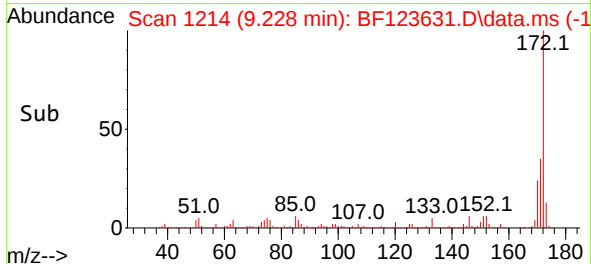
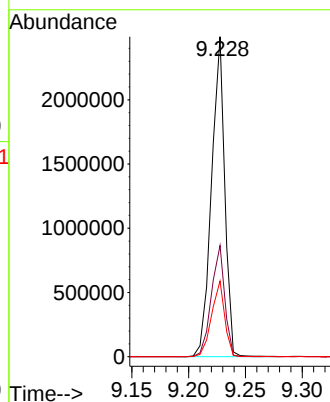
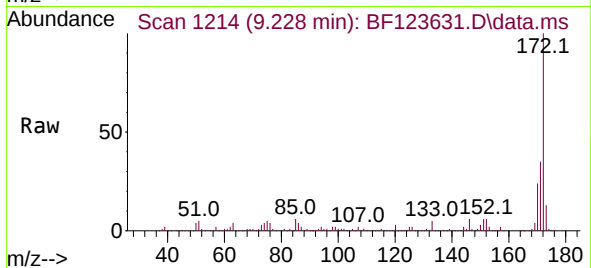




#45
2-Fluorobiphenyl
Concen: 80.49 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

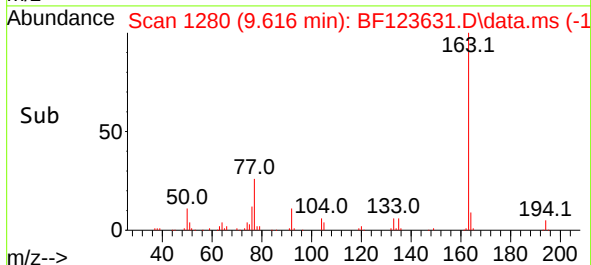
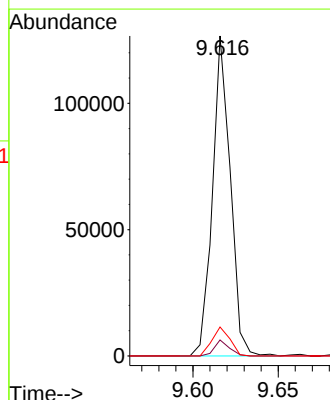
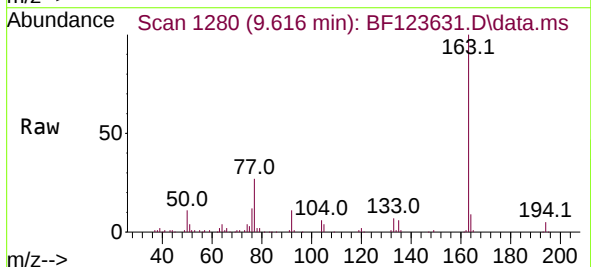
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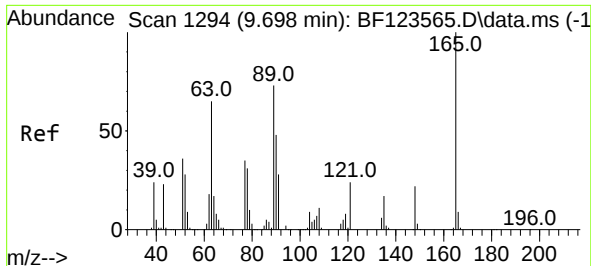
Tgt Ion:172 Resp: 2016222
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.7 19.2 28.8



#50
Dimethylphthalate
Concen: 3.58 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:163 Resp: 92411
Ion Ratio Lower Upper
163 100
194 5.0 3.1 4.7#
164 9.0 8.2 12.2

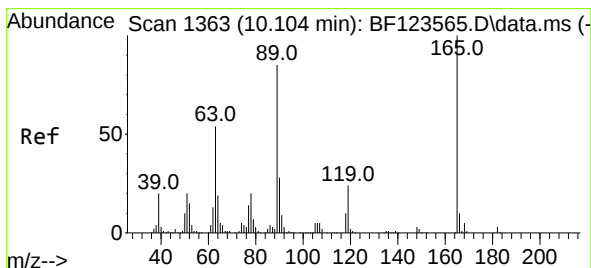
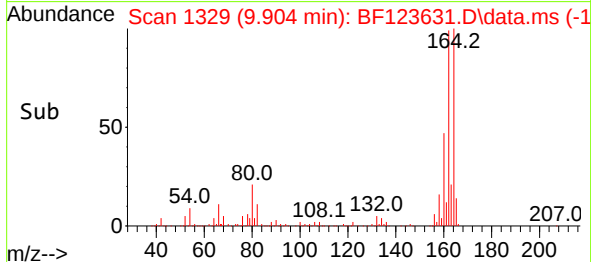
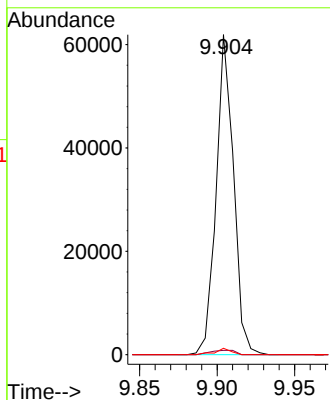
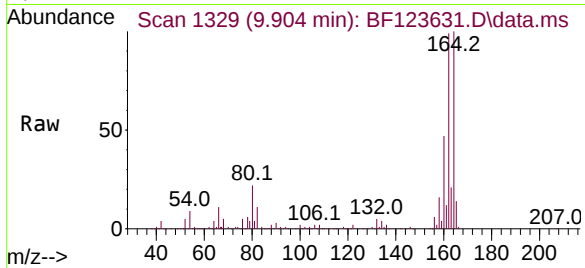




#51
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

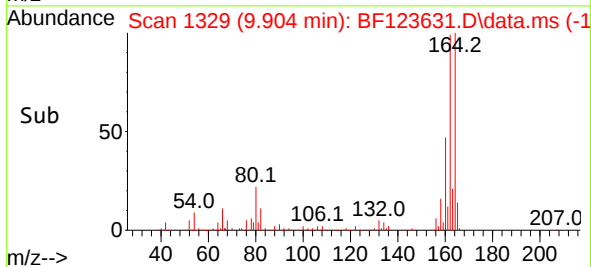
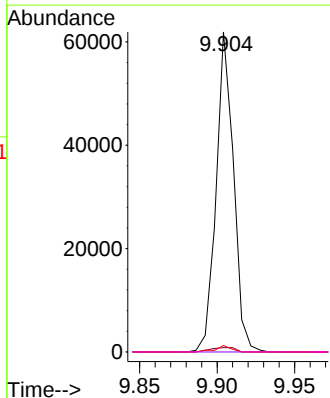
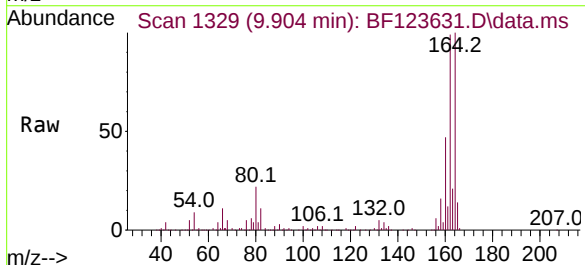
Instrument :
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TP1-2-4

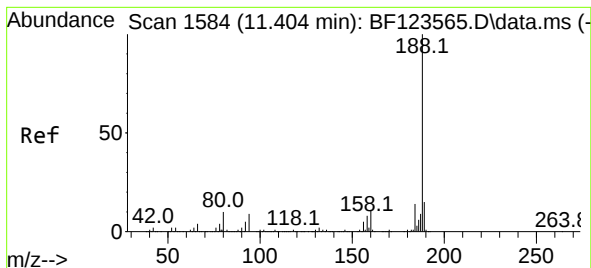
Tgt Ion:165 Resp: 48235
Ion Ratio Lower Upper
165 100
63 1.3 67.7 101.5#
89 2.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:165 Resp: 48235
Ion Ratio Lower Upper
165 100
63 1.3 43.5 65.3#
89 2.0 67.7 101.5#
182 0.0 2.1 3.1#

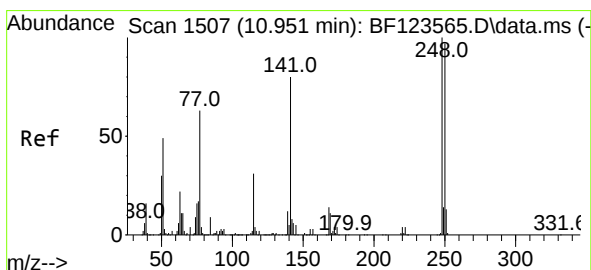
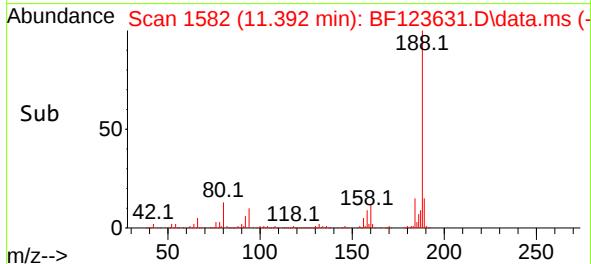
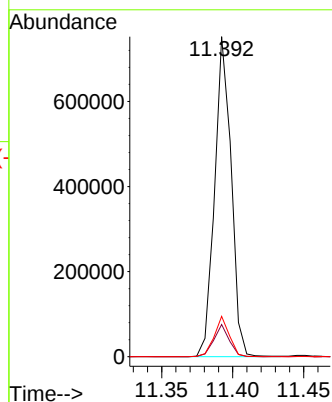
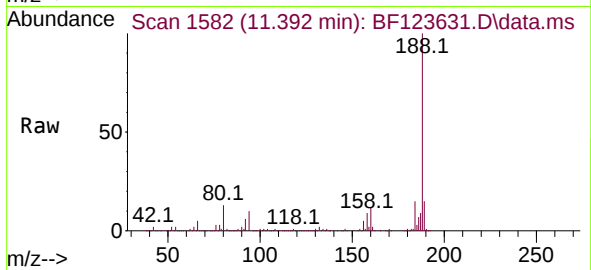




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

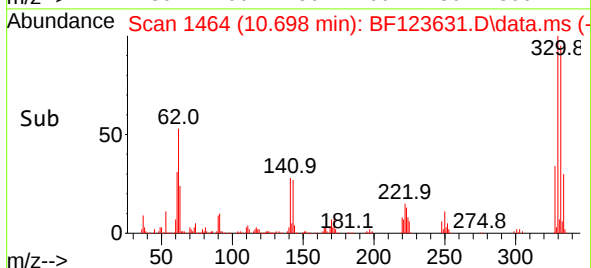
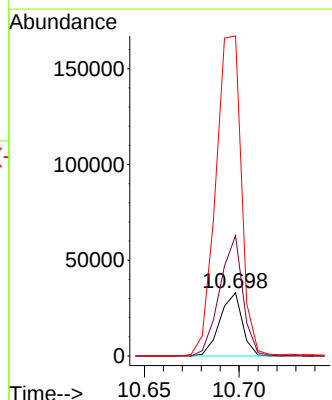
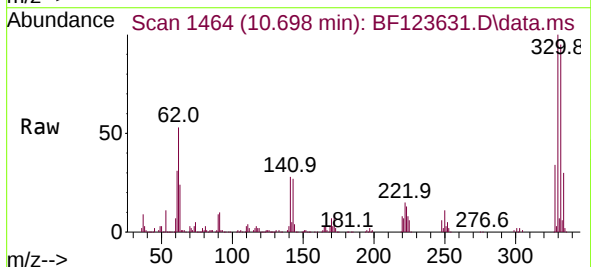
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

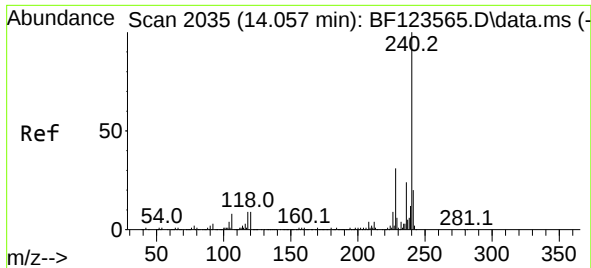
Tgt Ion:188 Resp: 607654
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 12.6 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:248 Resp: 27104
Ion Ratio Lower Upper
248 100
250 190.2 77.4 116.2#
141 505.6 63.7 95.5#

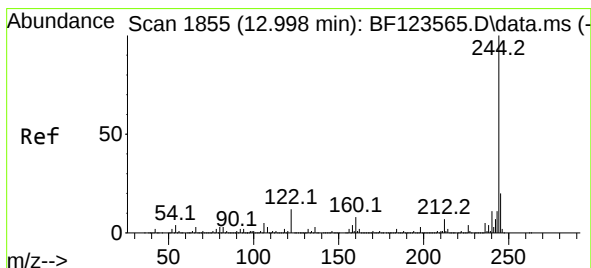
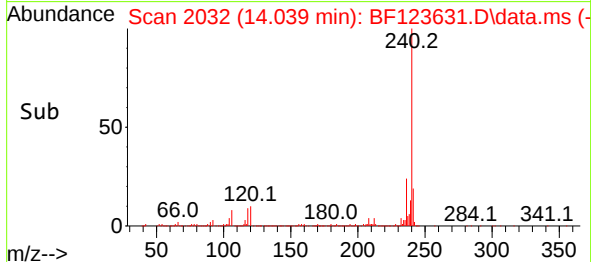
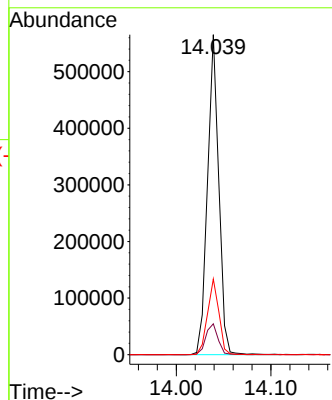
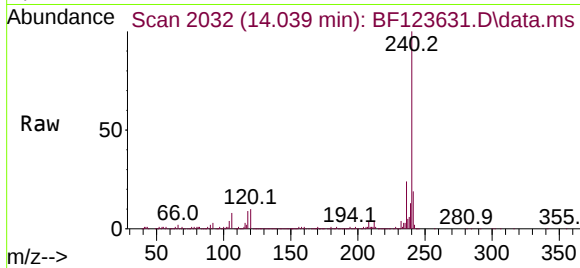




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

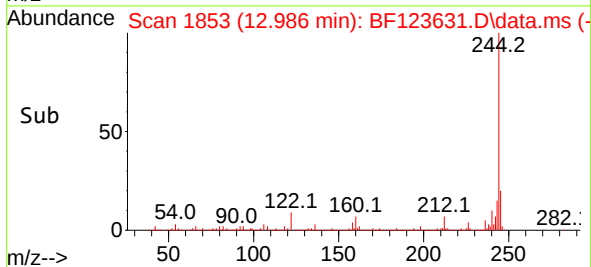
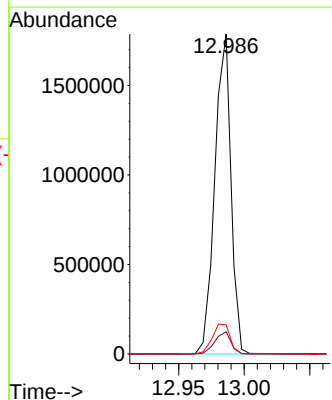
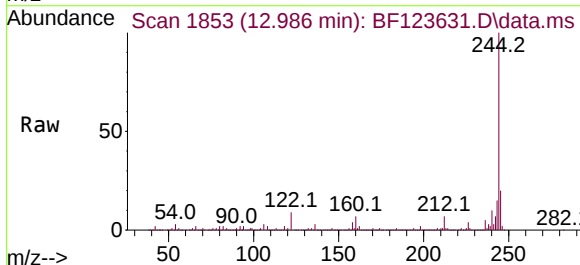
Instrument :
BNA_F
ClientSampleId :
TP1-2-4

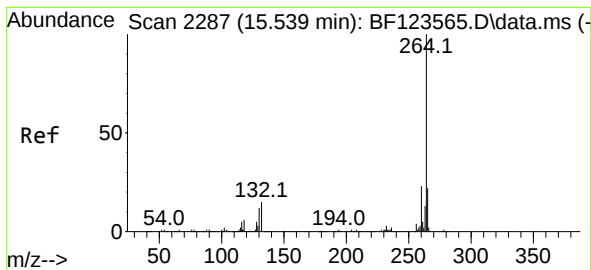
Tgt Ion:240 Resp: 466661
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 23.6 19.0 28.4



#79
Terphenyl-d14
Concen: 63.56 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF123631.D
Acq: 19 Apr 2021 19:54

Tgt Ion:244 Resp: 1526082
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.1 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.018 min
 Lab File: BF123631.D
 Acq: 19 Apr 2021 19:54

Instrument :
 BNA_F
 ClientSampleId :
 TP1-2-4

Tgt Ion:264 Resp: 482097
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.5 17.8 26.8

